

Exposing Israel's Waste & Recycling Technologies

Webinar | June 4, 2020



Dear Friends,

The COVID-19 outbreak has illuminated the increasing number of challenges the world has to face and raised awareness of the essential services of critical infrastructures that are all the more needed in a time of crisis.

The disrupting impact of the pandemic has highlighted that Importance of urban resilience with waste management as a key aspect of keeping our city life functioning in normal and unique hours. This situation emphasizes more than ever the need for robust and resilient waste management & recycling chain.

Israel, the startup nation, famous for its interdisciplinary knowledge of materials engineering, biotechnology and life science academy and industry and vivid high-tech ecosystem, has developed over the years some game-changing solutions to tackle worlds issues of waste and recycling.

In this catalogue, you can find a selected group of Israeli companies and startups, which demonstrate some of the best available solutions as for today.

Good luck,

Consulate General of Israel in Vietnam

Yaniv Tessel

Head of Economic and Trade Mission
Embassy of Israel in Vietnam

E: Yaniv.tessel@israeltrade.gov.il

M: +84-90-454-1010

Israel Export Institute

Noa Aharoni

Head of Cleantech and Contech Unit

E: Aharoni@export.gov.il

M: +972 35142 846

INDEX

COMPANY NAME	P. NO.
Clariter	3
HomeBiogas	4
TripleW	5
Enzymocore	6
Shachar Group	7
Databin	8



Clariter

www.clariter.com

Segment: Plastic To solvents, Oils and Waxes

Company at a Glance

Clariter converts plastic waste into high-grade chemical liquids of outstanding purity, effectively turning trash into treasure. Our unique solution for plastic waste serves the growing global need for disposal of non-perishable polyolefin and helps resolve one of the most serious environmental problems facing the world today. Our products are widely used in a variety of industries demonstrating a steady global increase in demand, amounting to millions of tons per year.

HOMEBIOGAS®

HomeBiogas

www.homebiogas.com

Segment: Waste to Energy

Company at a Glance

Homebiogas is a small-scale domestic biogas unit that converts organic waste into cooking gas and liquid fertilizer. It was designed for durability, easy-maintenance, efficiency, accessibility, and a convenient and comfortable user-experience. The system is distributed as a DIY kit, for easy shipment and assembly. Each system is provided in a compact box, small enough to fit in a private car. It improves sustainability and health by significantly reducing amounts of kitchen waste and animal manure that usually require collection, transportation, ending up in landfills.



TripleW

www.triplew.co

Segment: Waste to BioPlastic

Company at a Glance

TripleW is developing a comprehensive anaerobic digestion system for deriving fully biodegradable bioplastic from waste.

The TripleW process converts waste into the building blocks of bioplastic production, extracting maximum value from the conversion with minimal impact to the environment.

The process enables the company's clients to efficiently manufacture bioplastics from a variety of municipal and agricultural waste sources.



Enzymocore

www.enzymocore.com

Segment: Waste to Energy

Company at a Glance

Enzymocore is a leading global producer and developer of immobilized enzymes (Biocatalysts) for the production of Biodiesel from waste as well as high added-value fatty acid esters (Omega-3). Enzymocore is considered to be a long-term leader in Biodiesel and food-grade fatty acids esters (Omega-3), with vast enzymatic capabilities and a growing intellectual property portfolio.

SHACHAR Group Ltd

Shachar Group

www.shachar.biz/en

Segment: Plastic To solvents, Oils and Waxes

Company at a Glance

Our company specializes in the treatment and recycling of industrial food waste. The company offers a unique solution for the storage, transportation and cycling of this waste. The company's activities have a positive effect on the environment while offering our growing customer base an effective green solution at a lower cost than alternative solutions.

Databin

Databin

www.data-bins.info

Segment: Waste Management

Company at a Glance

Our company develops, manufactures and installing a complete container management system that provides simultaneous data from a large number of sensors and creates the conditions for effective analysis and optimization. The system enables remote control and reduces the need to arrive physically to the containers.
units.



Inspired by Innovation